

REMARKS/ARGUMENTS

Favorable consideration of this application, as presently amended and in light of the following discussion, is respectfully requested.

Claims 1-6 are pending, with Claims 1-6 amended by the present amendment.

In the Official Action, Figures 1, 2 and 3 were objected to; the Abstract was objected to; the specification was objected to; Claims 1-6 were objected to; Claims 1-6 were rejected under 35 U.S.C. §112, second paragraph; and Claims 1-6 were indicated as containing allowable subject matter.

Applicants acknowledge with appreciation the indication of allowable subject matter.

In the response of December 22, 2005, Figures 1, 2 and 3, the Abstract, the specification and Claims 1-6 were amended as requested in the Official Action without the introduction of new matter. Thus Applicants submit that the outstanding objections and rejections are overcome.

Further to Applicants' filed response of December 22, 2005, Applicants submit that the remarks made on page 6 of the Office Action related to claims 4 and 6, that is the notion that several packets of successive symbols were processed in series and in parallel may have been subject to misinterpretation. The specification (pages 6 and 7) discloses that transmitted data is organized into symbols; symbols are organized in packets of size S symbols; L packets of S symbols are processed in parallel. The symbols are processed by spread spectrum techniques using different pseudo-random sequences. The processing is done according to Tables I and II using $M=L*S$ pseudo-random sequences in parallel for M symbols. When the M sequences have been used for a set of M symbols, the same sequences can be reused repetitively for subsequent sets of M symbols. Thus, processing of blocks of M symbols is referenced to as being processed in series.

Thus, Applicants submit that the rejection to Claims 4 and 6 under 35 U.S.C. § 112, second paragraph be withdrawn.

Accordingly, in view of the present amendment and in light of the previous discussion, Applicants respectfully submit that the present application is in condition for allowance and respectfully request an early and favorable action to that effect.

Respectfully submitted,

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